

## Transmax Manual Heavy Duty 75W-90

Manual Transmission Fluid

### Description

Castrol Transmax Manual Heavy Duty 75W-90 is a full synthetic manual transmission lubricant developed for use in synchronised and non-synchronised transmissions in long haul trucks, b-double road train and other severe duty applications. Transmax Manual Heavy Duty 75W-90 is approved against Volvo's most demanding Heavy Duty Manual Transmission specification enabling extended oil drain intervals (400k kms) in severe duty manual and automated manual (*i-Shift*) transmission applications. It is also suitable for use in manual transmissions of cars or light commercial vehicles where GL-4 oils are recommended.

### Advantages

- Excellent oxidation stability ensures suitability in high temperature and extended drain applications.
- Proven synchroniser performance makes easier gear changes, transmission operation quieter and reduces driver fatigue.
- Excellent low temperature fluidity ensures easy cold start gear shifting.
- Excellent wear protection reduces wear and prolongs gear life.
- Long drain performance offers the potential to lower maintenance costs and increase vehicle availability.

### Typical Characteristics

| Name                               | Method     | Units              | Transmax Manual Heavy Duty 75W-90 |
|------------------------------------|------------|--------------------|-----------------------------------|
| Appearance                         | Visual     | -                  | Clear & Bright                    |
| Density @ 15C, Relative            | ASTM D4052 | g/ml               | 0.854                             |
| Viscosity, Kinematic 100C          | ASTM D445  | mm <sup>2</sup> /s | 18.3                              |
| Viscosity, Kinematic 40C           | ASTM D445  | mm <sup>2</sup> /s | 132                               |
| Viscosity Index                    | ASTM D2270 | None               | 156                               |
| Viscosity, Brookfield @ -40C (75W) | ASTM D2983 | mPa.s (cP)         | 79000                             |
| Pour Point                         | ASTM D97   | °C                 | -54                               |
| Flash Point, COC                   | ASTM D92   | °C                 | 256                               |

## Product Performance Claims

API GL-4

Volvo Transmission Oil 97315:002

Volvo Transmission Oil 97319:007

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